

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 C05F11/02 C05C9/00 C05G3/04 C05G5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C05F C05D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, PAJ, WPI Data, COMPENDEX, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.   |
|----------|---|-------------------------|
| X        | US 4 698 090 A (MARIHART JOHN R)<br>6 October 1987 (1987-10-06)<br>cited in the application<br>claims<br>column 3, line 1 - column 4, line 56       | 1-4, 7-9,<br>14, 16-21  |
| X        | US 4 786 307 A (MARIHART JOHN R)<br>22 November 1988 (1988-11-22)<br>column 2, line 56 - column 4, line 32  | 1, 2, 5-9,<br>14, 16-21 |
| X        | CHEMICAL ABSTRACTS + INDEXES, AMERICAN<br>CHEMICAL SOCIETY, COLUMBUS, US,<br>15 March 1993 (1993-03-15), XP000352674<br>ISSN: 0009-2258<br>abstract | 17-20                   |
| A        |   | 13<br>-/-               |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

8 September 2004

Date of mailing of the international search report

15/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|----------|--|-----------------------|
| X        | CHEMICAL ABSTRACTS + INDEXES, AMERICAN CHEMICAL SOCIETY, COLUMBUS, US, 15 March 1993 (1993-03-15), XP000352692<br>ISSN: 0009-2258<br>abstract<br>----- | 17-20                 |
| A        | US 5 009 697 A (MARTIN ANTONIO M ET AL)<br>23 April 1991 (1991-04-23)<br>claims<br>-----   | 13                    |
| A        |  | 1-21                  |

## Information on patent family members

International Application No

PCT/IB2004/001905

| Patent document cited in search report | Publication date |            | Patent family member(s)  |  | Publication date   |
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| US 4698090                             | A                | 06-10-1987 | AU 575943 B2<br>AU 4240685 A<br>CA 1267887 A1<br>DE 3572914 D1<br>EP 0164908 A1<br>ES 8706588 A1<br>ES 8801612 A1            |  | 11-08-1988<br>21-11-1985<br>17-04-1990<br>19-10-1989<br>18-12-1985<br>16-09-1987<br>16-04-1988               |
| US 4786307                             | A                | 22-11-1988 | AU 603877 B2<br>AU 1335088 A<br>CA 1313592 C<br>DE 3863563 D1<br>EP 0284339 A2<br>GR 3002289 T3<br>IL 85808 A<br>NZ 224008 A |  | 29-11-1990<br>22-09-1988<br>16-02-1993<br>14-08-1991<br>28-09-1988<br>30-12-1992<br>30-06-1991<br>28-05-1990 |
| US 5009697                             | A                | 23-04-1991 | CA 1229741 A1  |  | 01-12-1987   |